

**SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2005 First Quarter**  
**PROJECTED PERIOD: 2007 First Quarter**  
**AREA: Economic Growth Region 05**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>902,020</b>	<b>914,900</b>	<b>12,880</b>	<b>1%</b>	<b>44,180</b>	<b>61,310</b>	<b>\$36,041</b>	<b>NA</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>46,960</b>	<b>47,890</b>	<b>930</b>	<b>2%</b>	<b>1,560</b>	<b>2,510</b>	<b>\$78,475</b>	<b>NA</b>
11-1000	Top Executives	14,590	14,800	210	1%	490	710	NA	NA
11-1011	Chief Executives	2,610	2,660	40	2%	90	130	\$148,776	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	11,670	11,840	180	2%	390	570	\$89,177	Work experience plus bachelor's or higher degree
11-1031	Legislators	310	310	-10	-3%	10	10	\$19,284	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	3,950	4,090	140	4%	130	270	NA	NA
11-2011	Advertising and Promotions Managers	460	480	20	5%	20	40	\$57,520	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	960	990	30	3%	30	60	\$84,688	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	2,020	2,110	80	4%	70	150	\$90,489	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	500	510	10	2%	20	30	\$68,132	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	9,260	9,490	230	2%	280	510	NA	NA
11-3011	Administrative Services Managers	1,380	1,400	30	2%	50	70	\$61,864	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	1,980	2,090	110	6%	60	170	\$80,046	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	2,750	2,810	50	2%	70	120	\$83,043	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	1,110	1,130	20	2%	30	50	NA	NA
11-3051	Industrial Production Managers	810	810	0	0%	30	30	\$70,024	Bachelor's degree
11-3061	Purchasing Managers	430	420	0	-1%	20	20	\$69,094	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	800	820	20	3%	30	50	\$69,812	Work experience in a related occupation
11-9000	Other Management Occupations	19,170	19,510	350	2%	660	1,020	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	290	290	0	0%	10	10	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	2,470	2,520	60	2%	80	140	\$71,407	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	330	320	0	-1%	10	10	NA	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	940	980	40	4%	40	80	\$74,336	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	310	330	20	5%	10	30	\$58,720	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	60	60	0	5%	0	10	\$58,113	NA
11-9041	Engineering Managers	930	950	20	2%	30	50	\$85,112	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	1,700	1,710	10	1%	50	60	\$39,219	Work experience in a related occupation
11-9061	Funeral Directors	110	110	0	0%	10	10	\$62,787	Associate degree
11-9081	Lodging Managers	260	250	-10	-3%	10	10	\$45,859	Work experience in a related occupation
11-9111	Medical and Health Services Managers	2,130	2,240	110	5%	70	180	\$72,089	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	350	360	10	2%	10	20	\$59,209	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	60	60	0	0%	0	0	\$56,196	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	2,440	2,510	70	3%	80	150	\$51,874	Bachelor's degree
11-9151	Social and Community Service Managers	890	930	30	4%	30	70	\$44,966	Bachelor's degree
11-9199	Managers, All Other	5,870	5,880	0	0%	200	210	\$63,135	Work experience in a related occupation
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>40,420</b>	<b>41,370</b>	<b>950</b>	<b>2%</b>	<b>1,260</b>	<b>2,260</b>	<b>\$51,361</b>	<b>NA</b>
13-1000	Business Operations Specialists	25,500	26,140	630	2%	780	1,450	NA	NA
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	170	180	10	6%	10	20	NA	Work experience plus bachelor's or higher degree
13-1021	Purchasing Agents and Buyers, Farm Products	100	110	10	6%	10	10	\$55,941	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,140	1,130	-10	0%	60	60	\$45,578	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,560	1,570	10	1%	70	80	\$45,848	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	2,570	2,540	-30	-1%	60	60	\$43,969	Long-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
13-1032	Insurance Appraisers, Auto Damage	370	370	10	1%	10	10	\$41,857	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	760	760	0	1%	30	40	\$42,348	Long-term on-the-job training
13-1051	Cost Estimators	1,590	1,620	40	2%	70	100	\$50,683	Bachelor's degree
13-1061	Emergency Management Specialists	140	140	0	1%	10	10	NA	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	1,420	1,500	80	6%	40	120	\$51,467	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	540	550	20	3%	10	30	\$49,389	Bachelor's degree
13-1073	Training and Development Specialists	1,180	1,220	40	3%	30	70	\$44,954	Bachelor's degree
13-1111	Management Analysts	4,420	4,560	140	3%	100	250	\$67,240	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	250	250	0	1%	10	10	\$44,233	Bachelor's degree
13-1199	Business Operations Specialists, All Other	9,330	9,640	310	3%	280	590	\$51,882	Bachelor's degree
13-2000	Financial Specialists	14,910	15,230	320	2%	480	810	NA	NA
13-2011	Accountants and Auditors	7,490	7,640	160	2%	260	420	\$56,085	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	270	270	0	0%	10	10	\$32,159	Postsecondary vocational training
13-2031	Budget Analysts	270	270	0	0%	10	10	\$54,513	Bachelor's degree
13-2041	Credit Analysts	960	1,010	50	6%	30	80	\$38,015	Bachelor's degree
13-2051	Financial Analysts	920	930	10	2%	20	40	\$60,706	Bachelor's degree
13-2052	Personal Financial Advisors	500	530	40	7%	10	50	\$73,712	Bachelor's degree
13-2053	Insurance Underwriters	930	920	-10	-1%	30	30	\$46,716	Bachelor's degree
13-2061	Financial Examiners	140	140	0	0%	10	10	\$69,848	Bachelor's degree
13-2071	Loan Counselors	80	80	0	1%	0	0	\$32,391	Bachelor's degree
13-2072	Loan Officers	1,480	1,530	50	3%	40	90	\$50,870	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	380	380	0	0%	20	20	\$43,476	Bachelor's degree
13-2082	Tax Preparers	510	530	10	3%	20	30	NA	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	1,000	1,010	0	0%	30	40	\$51,269	Bachelor's degree
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>17,630</b>	<b>18,260</b>	<b>640</b>	<b>4%</b>	<b>420</b>	<b>1,080</b>	<b>\$56,220</b>	<b>NA</b>
15-1000	Computer Specialists	16,960	17,590	630	4%	380	1,040	NA	NA
15-1011	Computer and Information Scientists, Research	100	100	0	0%	0	0	NA	Doctoral degree
15-1021	Computer Programmers	2,620	2,600	-20	-1%	120	120	\$57,530	Bachelor's degree
15-1031	Computer Software Engineers, Applications	1,430	1,480	50	3%	20	70	\$65,579	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	1,160	1,230	70	6%	20	90	\$61,406	Bachelor's degree
15-1041	Computer Support Specialists	3,210	3,280	70	2%	70	140	\$39,619	Associate degree
15-1051	Computer Systems Analysts	4,100	4,330	230	6%	80	310	\$59,412	Bachelor's degree
15-1061	Database Administrators	700	740	40	5%	10	50	\$54,704	Bachelor's degree
15-1071	Network and Computer Systems Administrators	1,600	1,680	70	5%	30	100	\$50,772	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	760	820	60	8%	20	80	\$58,690	Bachelor's degree
15-1099	Computer Specialists, All Other	1,280	1,340	60	5%	20	90	\$71,068	Postsecondary vocational training
15-2000	Mathematical Scientists	670	670	10	1%	30	40	NA	NA
15-2011	Actuaries	140	140	0	2%	10	10	\$79,207	Work experience plus bachelor's or higher degree
15-2031	Operations Research Analysts	320	320	0	1%	10	20	\$60,562	Master's degree
15-2041	Statisticians	150	150	0	1%	10	10	\$48,707	Master's degree
15-2091	Mathematical Technicians	30	30	0	4%	0	0	NA	NA
15-2099	Mathematical Science Occupations, All Other	20	20	0	0%	0	0	NA	Master's degree
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>16,380</b>	<b>16,730</b>	<b>340</b>	<b>2%</b>	<b>720</b>	<b>1,080</b>	<b>\$55,893</b>	<b>NA</b>
17-1000	Architects, Surveyors, and Cartographers	1,300	1,360	60	5%	50	120	NA	NA
17-1011	Architects, Except Landscape and Naval	700	740	40	6%	10	60	\$58,777	Bachelor's degree
17-1012	Landscape Architects	90	90	10	6%	0	10	\$65,017	Bachelor's degree
17-1021	Cartographers and Photogrammetrists	20	20	0	0%	0	0	\$43,653	Bachelor's degree
17-1022	Surveyors	480	490	20	3%	40	50	\$39,619	Bachelor's degree
17-2000	Engineers	8,970	9,090	120	1%	370	500	NA	NA
17-2011	Aerospace Engineers	410	430	20	4%	20	40	NA	Bachelor's degree
17-2031	Biomedical Engineers	50	50	0	2%	0	0	\$64,218	Bachelor's degree
17-2041	Chemical Engineers	390	400	10	1%	20	30	NA	Bachelor's degree
17-2051	Civil Engineers	1,360	1,390	30	2%	40	70	\$60,121	Bachelor's degree
17-2061	Computer Hardware Engineers	130	130	0	2%	0	10	\$75,052	Bachelor's degree
17-2071	Electrical Engineers	1,100	1,090	-10	-1%	40	40	\$60,254	Bachelor's degree

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17-2072	Electronics Engineers, Except Computer	640	650	10	1%	20	30	\$68,015	Bachelor's degree
17-2081	Environmental Engineers	310	340	30	9%	10	40	\$54,539	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	140	140	0	1%	10	10	\$55,075	Bachelor's degree
17-2112	Industrial Engineers	1,180	1,200	20	1%	50	70	\$65,753	Bachelor's degree
17-2131	Materials Engineers	100	100	0	-2%	10	10	\$67,026	Bachelor's degree
17-2141	Mechanical Engineers	1,520	1,530	10	1%	80	90	\$63,436	Bachelor's degree
17-2199	Engineers, All Other	1,630	1,640	20	1%	60	80	\$76,247	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	6,120	6,280	160	3%	290	460	NA NA	
17-3011	Architectural and Civil Drafters	950	980	30	3%	50	80	\$39,722	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	80	90	0	1%	10	10	\$42,803	Postsecondary vocational training
17-3013	Mechanical Drafters	420	410	-10	-1%	20	20	\$43,557	Postsecondary vocational training
17-3022	Civil Engineering Technicians	680	700	10	2%	30	40	\$35,373	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	1,400	1,420	30	2%	50	80	\$42,503	Associate degree
17-3024	Electro-Mechanical Technicians	70	70	0	1%	0	0	\$37,341	Associate degree
17-3025	Environmental Engineering Technicians	110	120	10	9%	0	10	\$31,997	Associate degree
17-3026	Industrial Engineering Technicians	710	720	10	1%	30	40	\$44,421	Associate degree
17-3027	Mechanical Engineering Technicians	170	170	0	0%	10	10	\$45,109	Associate degree
17-3031	Surveying and Mapping Technicians	750	810	60	8%	60	120	\$30,870	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	770	790	10	2%	40	50	NA NA	
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>9,010</b>	<b>9,280</b>	<b>260</b>	<b>3%</b>	<b>420</b>	<b>690</b>	<b>\$57,540</b>	<b>NA</b>
19-1000	<i>Life Scientists</i>	2,680	2,770	90	3%	130	210	NA NA	
19-1010	Agricultural and Food Scientists	130	130	0	3%	0	10	NA NA	
19-1021	Biochemists and Biophysicists	630	650	30	4%	40	70	\$91,352	Doctoral degree
19-1022	Microbiologists	560	580	20	4%	40	60	NA	Doctoral degree
19-1023	Zoologists and Wildlife Biologists	50	50	0	0%	0	0	#N/A	NA
19-1031	Conservation Scientists	100	100	0	0%	10	10	\$60,442	Bachelor's degree
19-1032	Foresters	40	40	0	2%	0	0	\$35,263	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	370	390	20	4%	10	30	\$70,904	Doctoral degree
19-1099	Life Scientists, All Other	800	810	20	2%	30	40	NA	Bachelor's degree
19-2000	<i>Physical Scientists</i>	1,580	1,630	60	4%	90	150	NA NA	
19-2012	Physicists	30	30	0	0%	0	0	\$93,499	Doctoral degree
19-2021	Atmospheric and Space Scientists	20	20	0	0%	0	0	NA NA	
19-2031	Chemists	1,010	1,050	40	3%	70	100	\$87,588	Bachelor's degree
19-2032	Materials Scientists	20	20	0	-13%	0	0	\$42,717	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	370	400	20	6%	10	30	\$57,748	Bachelor's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	50	50	0	4%	0	0	\$50,400	Bachelor's degree
19-2043	Hydrologists	40	40	0	3%	0	0	\$65,013	Bachelor's degree
19-2099	Physical Scientists, All Other	40	40	0	0%	0	0	NA	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	1,930	1,970	40	2%	90	130	NA NA	
19-3011	Economists	40	40	0	0%	0	0	\$56,860	Bachelor's degree
19-3021	Market Research Analysts	700	720	20	2%	40	50	\$54,995	Bachelor's degree
19-3022	Survey Researchers	170	180	10	4%	10	20	\$27,309	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	670	680	20	3%	30	40	\$62,489	Master's degree
19-3051	Urban and Regional Planners	170	180	0	1%	10	10	\$43,801	Master's degree
19-3099	Social Scientists and Related Workers, All Other	150	150	0	1%	10	10	\$49,561	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	2,830	2,910	80	3%	110	200	NA NA	
19-4011	Agricultural and Food Science Technicians	170	180	0	1%	10	10	NA	Associate degree
19-4021	Biological Technicians	1,010	1,030	20	2%	30	60	NA	Associate degree
19-4031	Chemical Technicians	480	480	0	0%	20	20	\$37,506	Associate degree
19-4041	Geological and Petroleum Technicians	30	30	0	-4%	0	0	NA NA	
19-4051	Nuclear Technicians	70	70	0	-5%	0	0	NA NA	
19-4091	Environmental Science and Protection Technicians, Including Health	270	280	20	6%	10	30	NA	Associate degree
19-4092	Forensic Science Technicians	50	50	0	4%	0	0	\$39,632	Associate degree
19-4093	Forest and Conservation Technicians	50	50	0	0%	0	0	#N/A	NA
19-4099	Life, Physical, and Social Science Technicians, All Other	700	750	40	6%	30	80	\$37,557	Associate degree

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<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>8,120</b>	<b>8,420</b>	<b>300</b>	<b>4%</b>	<b>280</b>	<b>580</b>	<b>\$35,355 NA</b>	
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	7,080	7,360	280	4%	250	520	NA NA	
21-1011	Substance Abuse and Behavioral Disorder Counselors	550	580	40	6%	20	60	\$33,286 Master's degree	
21-1012	Educational, Vocational, and School Counselors	1,020	1,050	30	3%	40	70	\$45,124 Master's degree	
21-1013	Marriage and Family Therapists	190	200	10	5%	10	20	NA Master's degree	
21-1014	Mental Health Counselors	250	260	10	2%	10	20	\$42,812 Master's degree	
21-1015	Rehabilitation Counselors	540	570	30	5%	20	50	\$27,630 Master's degree	
21-1021	Child, Family, and School Social Workers	1,380	1,420	40	3%	40	80	\$32,669 Bachelor's degree	
21-1022	Medical and Public Health Social Workers	690	720	30	4%	20	50	\$38,375 Bachelor's degree	
21-1023	Mental Health and Substance Abuse Social Workers	440	460	20	5%	10	30	\$35,787 Master's degree	
21-1091	Health Educators	390	400	20	4%	10	30	\$36,227 Master's degree	
21-1092	Probation Officers and Correctional Treatment Specialists	510	520	10	2%	20	30	\$28,725 Bachelor's degree	
21-1093	Social and Human Service Assistants	1,130	1,190	60	5%	40	90	\$31,623 Moderate-term on-the-job training	
21-2000	<i>Religious Workers</i>	160	170	10	4%	10	10	NA NA	
21-2011	Clergy	150	160	10	3%	10	10	\$35,232 Master's degree	
21-9000	<i>Miscellaneous Counselors, Social, &amp; Religious Workers</i>	870	890	20	2%	30	50	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	870	890	20	2%	30	50	NA NA	
<b>23-0000</b>	<b>Legal Occupations</b>	<b>5,450</b>	<b>5,590</b>	<b>140</b>	<b>2%</b>	<b>110</b>	<b>250</b>	<b>\$65,894 NA</b>	
23-1000	<i>Lawyers, Judges, and Related Workers</i>	3,500	3,590	100	3%	80	180	NA NA	
23-1011	Lawyers	3,220	3,310	100	3%	70	170	\$87,948 First professional degree	
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	110	110	0	0%	0	0	NA Work experience plus bachelor's or higher degree	
23-1022	Arbitrators, Mediators, and Conciliators	20	20	0	0%	0	0	\$44,409 Work experience plus bachelor's or higher degree	
23-1023	Judges, Magistrate Judges, and Magistrates	150	150	0	0%	0	0	\$65,999 Work experience plus bachelor's or higher degree	
23-2000	<i>Legal Support Workers</i>	1,550	1,590	40	3%	20	70	NA NA	
23-2011	Paralegals and Legal Assistants	1,010	1,050	50	5%	10	60	\$39,834 Associate degree	
23-2091	Court Reporters	60	60	0	0%	0	0	\$29,706 Postsecondary vocational training	
23-2092	Law Clerks	180	170	0	-1%	0	0	\$39,361 Bachelor's degree	
23-2093	Title Examiners, Abstractors, and Searchers	300	300	-10	-2%	10	10	\$42,074 Moderate-term on-the-job training	
23-9000	<i>Miscellaneous Legal &amp; Related Workers</i>	410	410	0	0%	10	10	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	410	410	0	0%	10	10	NA NA	
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>44,080</b>	<b>46,000</b>	<b>1,920</b>	<b>4%</b>	<b>1,570</b>	<b>3,510</b>	<b>\$34,366 NA</b>	
25-1000	<i>Postsecondary Teachers</i>	5,830	6,240	410	7%	250	660	NA NA	
25-1011	Business Teachers, Postsecondary	370	390	30	8%	20	40	\$63,512 Doctoral degree	
25-1021	Computer Science Teachers, Postsecondary	70	80	10	7%	0	10	\$56,632 Doctoral degree	
25-1022	Mathematical Science Teachers, Postsecondary	120	130	10	7%	10	10	\$55,538 Doctoral degree	
25-1032	Engineering Teachers, Postsecondary	20	20	0	5%	0	0	NA Doctoral degree	
25-1042	Biological Science Teachers, Postsecondary	120	130	10	7%	10	10	\$73,928 Doctoral degree	
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postseconda	50	50	0	7%	0	10	NA Doctoral degree	
25-1052	Chemistry Teachers, Postsecondary	60	70	10	8%	0	10	\$62,776 Doctoral degree	
25-1054	Physics Teachers, Postsecondary	50	50	0	8%	0	10	\$56,450 Doctoral degree	
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	120	130	10	8%	10	10	NA Doctoral degree	
25-1063	Economics Teachers, Postsecondary	40	40	0	8%	0	10	\$72,023 Doctoral degree	
25-1065	Political Science Teachers, Postsecondary	40	40	0	5%	0	0	\$56,404 Doctoral degree	
25-1066	Psychology Teachers, Postsecondary	90	100	10	7%	0	10	\$56,742 Doctoral degree	
25-1067	Sociology Teachers, Postsecondary	50	50	0	8%	0	10	\$53,748 Doctoral degree	
25-1071	Health Specialties Teachers, Postsecondary	150	170	10	7%	10	20	\$79,904 Doctoral degree	
25-1072	Nursing Instructors and Teachers, Postsecondary	130	140	10	6%	10	10	\$52,388 Master's degree	
25-1081	Education Teachers, Postsecondary	280	300	20	8%	10	30	\$49,276 Doctoral degree	
25-1082	Library Science Teachers, Postsecondary	50	50	0	6%	0	10	NA Doctoral degree	
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	4%	0	0	NA Doctoral degree	
25-1112	Law Teachers, Postsecondary	80	90	10	8%	0	10	NA Doctoral degree	
25-1113	Social Work Teachers, Postsecondary	20	20	0	4%	0	0	NA Doctoral degree	
25-1121	Art, Drama, and Music Teachers, Postsecondary	220	240	20	7%	10	30	NA Doctoral degree	

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
25-1122	Communications Teachers, Postsecondary	130	140	10	8%	10	20	\$53,027	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	170	180	10	7%	10	20	\$42,671	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	180	200	10	8%	10	20	\$47,908	Doctoral degree
25-1125	History Teachers, Postsecondary	80	90	10	7%	0	10	\$55,324	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	90	100	10	9%	0	10	NA	Doctoral degree
25-1191	Graduate Teaching Assistants	1,930	2,060	130	7%	80	210	NA	Bachelor's degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	90	90	10	7%	0	10	\$45,479	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	460	490	30	7%	20	50	\$46,018	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	510	540	30	6%	20	50	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	19,280	19,840	560	3%	770	1,350	NA	NA
25-2011	Preschool Teachers, Except Special Education	1,960	1,940	-20	-1%	40	40	\$20,668	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	720	740	20	3%	10	40	\$38,004	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	7,820	8,070	250	3%	310	560	\$42,632	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	2,700	2,760	60	2%	110	170	\$43,946	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	130	130	0	2%	10	10	NA	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,810	3,950	150	4%	200	350	\$44,284	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	540	550	10	2%	30	40	NA	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	830	880	50	6%	40	80	\$39,162	Bachelor's degree
25-2042	Special Education Teachers, Middle School	310	330	20	6%	10	30	\$46,465	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	470	490	30	6%	20	50	\$45,121	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	10,090	10,760	660	7%	220	880	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	470	490	20	4%	10	30	\$38,988	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	1,370	1,450	80	6%	30	110	\$21,904	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	8,250	8,820	570	7%	180	740	NA	NA
25-4000	<i>Librarians, Curators, and Archivists</i>	1,280	1,300	20	2%	70	90	NA	NA
25-4010	Archivists, Curators, and Museum Technicians	110	120	10	6%	10	10	NA	NA
25-4021	Librarians	730	740	10	1%	30	40	\$36,528	Master's degree
25-4031	Library Technicians	440	440	0	1%	40	40	\$19,143	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	7,600	7,860	270	3%	260	530	NA	NA
25-9011	Audio-Visual Collections Specialists	20	20	0	7%	0	0	#N/A	NA
25-9031	Instructional Coordinators	300	310	10	3%	10	20	\$51,561	Master's degree
25-9041	Teacher Assistants	7,120	7,370	250	4%	250	500	\$20,625	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	150	160	10	3%	0	10	NA	NA
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>12,650</b>	<b>12,870</b>	<b>230</b>	<b>2%</b>	<b>500</b>	<b>760</b>	<b>\$37,808</b>	<b>NA</b>
27-1000	<i>Art and Design Workers</i>	4,100	4,150	60	1%	110	180	NA	NA
27-1011	Art Directors	250	250	0	1%	10	10	\$52,717	Work experience plus bachelor's or higher degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	120	120	0	-2%	10	10	\$40,072	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	320	330	0	1%	10	20	\$46,462	Bachelor's degree
27-1021	Commercial and Industrial Designers	320	330	10	2%	10	10	\$52,285	Bachelor's degree
27-1022	Fashion Designers	40	40	0	-3%	0	0	NA	Bachelor's degree
27-1023	Floral Designers	510	510	0	0%	10	10	\$18,509	Moderate-term on-the-job training
27-1024	Graphic Designers	1,240	1,280	30	3%	30	60	\$40,689	Bachelor's degree
27-1025	Interior Designers	600	610	10	2%	10	30	\$40,917	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	200	190	0	-2%	10	10	\$25,372	Moderate-term on-the-job training
27-1027	Set and Exhibit Designers	20	20	0	0%	0	0	NA	NA
27-1099	Art and Design Workers, All Other (OES Only)	480	490	10	2%	20	30	NA	NA
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	2,800	2,860	60	2%	160	220	NA	NA
27-2011	Actors	60	60	0	-2%	0	0	\$0	Long-term on-the-job training
27-2012	Producers and Directors	500	510	10	3%	10	30	\$46,326	Work experience plus bachelor's or higher degree
27-2021	Athletes and Sports Competitors	30	30	0	4%	0	0	NA	NA
27-2022	Coaches and Scouts	1,110	1,140	30	3%	40	70	\$23,715	Long-term on-the-job training
27-2023	Umpires, Referees, and Other Sports Officials	50	50	0	0%	0	0	NA	Long-term on-the-job training
27-2031	Dancers	470	470	10	1%	70	70	\$0	Long-term on-the-job training
27-2032	Choreographers	160	160	0	3%	20	30	\$23,694	Work experience in a related occupation
27-2042	Musicians and Singers	350	340	0	0%	10	10	NA	Long-term on-the-job training

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27-2099	Entertainers and Performers, Sports and Related Workers, All Other	80	80	0	5%	0	10	NA	Long-term on-the-job training
27-3000	Media and Communication Workers	4,170	4,250	80	2%	160	270	NA	NA
27-3010	Announcers	500	480	-20	-4%	30	30	NA	NA
27-3020	News Analysts, Reporters and Correspondents	290	280	-10	-2%	10	10	NA	NA
27-3031	Public Relations Specialists	1,160	1,230	70	6%	30	100	\$46,209	Bachelor's degree
27-3041	Editors	910	910	0	0%	40	40	\$44,842	Bachelor's degree
27-3042	Technical Writers	470	490	10	3%	30	40	\$52,416	Bachelor's degree
27-3043	Writers and Authors	570	580	10	2%	20	30	\$55,875	Bachelor's degree
27-3091	Interpreters and Translators	40	40	0	3%	0	0	\$30,631	Long-term on-the-job training
27-3099	Media and Communication Workers, All Other	240	250	10	4%	10	10	\$39,508	Long-term on-the-job training
27-4000	Media and Communication Equipment Workers	1,580	1,610	30	2%	70	90	NA	NA
27-4011	Audio and Video Equipment Technicians	340	350	10	3%	20	30	\$37,470	Long-term on-the-job training
27-4012	Broadcast Technicians	140	140	0	-1%	10	10	\$24,282	Postsecondary vocational training
27-4014	Sound Engineering Technicians	80	80	0	3%	0	10	\$35,419	Postsecondary vocational training
27-4021	Photographers	750	760	10	2%	30	40	\$24,854	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	140	140	0	0%	10	10	\$35,252	Moderate-term on-the-job training
27-4032	Film and Video Editors	40	40	0	0%	0	0	\$41,783	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	80	80	0	2%	0	10	\$38,727	Moderate-term on-the-job training
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>48,980</b>	<b>50,750</b>	<b>1,760</b>	<b>4%</b>	<b>1,690</b>	<b>3,460</b>	<b>\$54,194</b>	<b>NA</b>
29-1000	Health Diagnosing and Treating Practitioners	29,580	30,670	1,090	4%	1,050	2,140	NA	NA
29-1011	Chiropractors	420	420	0	0%	10	10	\$112,737	First professional degree
29-1020	Dentists	890	900	10	1%	30	40	NA	NA
29-1031	Dietitians and Nutritionists	330	340	10	2%	20	30	\$42,277	Bachelor's degree
29-1041	Optometrists	260	270	0	1%	20	20	NA	First professional degree
29-1051	Pharmacists	1,590	1,650	60	4%	60	120	\$80,703	First professional degree
29-1062	Family and General Practitioners	1,080	1,110	20	2%	30	50	NA	First professional degree
29-1063	Internists, General	790	810	20	3%	20	40	\$116,271	First professional degree
29-1064	Obstetricians and Gynecologists	90	90	0	2%	0	0	\$199,963	First professional degree
29-1065	Pediatricians, General	200	210	10	2%	10	10	NA	First professional degree
29-1066	Psychiatrists	110	120	0	2%	0	10	\$162,196	First professional degree
29-1067	Surgeons	1,350	1,390	30	3%	30	70	\$190,243	First professional degree
29-1069	Physicians and Surgeons, All Other	1,240	1,260	20	2%	30	50	\$109,541	NA
29-1071	Physician Assistants	150	160	10	7%	0	20	\$64,649	Bachelor's degree
29-1081	Podiatrists	100	100	0	-2%	10	10	\$100,540	First professional degree
29-1111	Registered Nurses	16,060	16,740	680	4%	590	1,270	\$50,418	Associate degree
29-1121	Audiologists	100	100	0	-1%	10	10	NA	Master's degree
29-1122	Occupational Therapists	670	700	30	5%	20	50	\$51,346	Bachelor's degree
29-1123	Physical Therapists	940	980	40	4%	10	60	\$63,047	Master's degree
29-1124	Radiation Therapists	100	110	0	4%	0	10	\$46,868	Associate degree
29-1125	Recreational Therapists	180	190	0	1%	10	10	\$31,191	Bachelor's degree
29-1126	Respiratory Therapists	1,110	1,170	60	6%	70	130	\$40,435	Associate degree
29-1127	Speech-Language Pathologists	710	740	30	4%	30	60	\$55,425	Master's degree
29-1131	Veterinarians	460	480	20	4%	20	40	\$81,484	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	650	680	30	5%	30	60	\$114,516	First professional degree
29-2000	Health Technologists and Technicians	17,500	18,130	620	4%	580	1,200	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	1,390	1,450	60	4%	70	130	\$44,343	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	760	790	30	4%	40	70	\$28,827	Associate degree
29-2021	Dental Hygienists	720	780	60	8%	10	70	NA	Associate degree
29-2031	Cardiovascular Technologists and Technicians	360	380	20	6%	10	30	\$35,439	Associate degree
29-2032	Diagnostic Medical Sonographers	250	260	10	2%	10	10	\$48,119	Associate degree
29-2033	Nuclear Medicine Technologists	110	110	0	3%	0	10	\$52,049	NA
29-2034	Radiologic Technologists and Technicians	1,120	1,150	30	3%	40	70	\$41,727	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	1,060	1,100	40	4%	20	60	\$26,072	Postsecondary vocational training
29-2051	Dietetic Technicians	180	190	10	4%	0	10	\$20,343	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	2,120	2,160	50	2%	50	100	\$23,972	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	820	820	0	0%	20	20	\$23,302	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	200	210	10	6%	10	20	\$38,515	Postsecondary vocational training

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29-2055	Surgical Technologists	630	660	30	5%	20	50	\$38,060	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	410	440	30	7%	10	40	\$27,691	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	5,380	5,530	150	3%	220	370	\$36,639	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	1,170	1,250	90	7%	30	110	\$27,008	Associate degree
29-2081	Opticians, Dispensing	800	820	20	2%	30	40	\$25,416	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	30	30	0	-3%	0	0	\$49,119	Bachelor's degree
29-9000	<i>Other Healthcare Practitioners and Technical Occupations</i>	620	620	10	1%	30	30	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	550	550	0	1%	20	30	NA	NA
29-9091	Athletic Trainers	70	70	0	3%	0	10	\$30,734	Bachelor's degree
29-9100	<i>Other Health Practitioners And Technical Workers</i>	1,280	1,330	50	4%	40	90	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	1,280	1,330	50	4%	40	90	NA	NA
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>19,960</b>	<b>20,920</b>	<b>960</b>	<b>5%</b>	<b>590</b>	<b>1,560</b>	<b>\$23,818</b>	<b>NA</b>
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	11,800	12,330	530	4%	280	810	NA	NA
31-1011	Home Health Aides	2,870	3,090	230	8%	70	290	\$21,440	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	8,530	8,820	290	3%	200	490	\$22,041	Short-term on-the-job training
31-1013	Psychiatric Aides	410	420	10	2%	10	20	\$23,984	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>	710	750	40	5%	20	60	NA	NA
31-2011	Occupational Therapist Assistants	180	180	10	4%	0	10	\$35,305	Associate degree
31-2012	Occupational Therapist Aides	20	20	0	7%	0	0	#N/A	Short-term on-the-job training
31-2021	Physical Therapist Assistants	370	390	20	5%	10	30	\$42,034	Associate degree
31-2022	Physical Therapist Aides	150	160	10	6%	10	10	\$21,228	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>	7,450	7,850	400	5%	290	690	NA	NA
31-9011	Massage Therapists	180	190	10	3%	10	10	\$27,923	Postsecondary vocational training
31-9091	Dental Assistants	1,070	1,150	80	8%	60	140	NA	Moderate-term on-the-job training
31-9092	Medical Assistants	2,450	2,650	200	8%	90	290	\$26,101	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	170	170	0	2%	10	10	\$23,602	Short-term on-the-job training
31-9094	Medical Transcriptionists	900	930	30	3%	30	60	\$27,584	Postsecondary vocational training
31-9095	Pharmacy Aides	890	880	-10	-1%	30	30	\$18,937	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	500	520	20	4%	20	40	\$20,060	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	1,300	1,370	70	5%	50	120	\$24,147	Short-term on-the-job training
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>17,820</b>	<b>18,210</b>	<b>390</b>	<b>2%</b>	<b>1,060</b>	<b>1,450</b>	<b>\$32,253</b>	<b>NA</b>
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>	1,330	1,340	20	1%	80	100	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	200	200	10	3%	10	20	\$33,780	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	520	530	0	1%	30	40	\$54,724	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	290	290	0	1%	20	30	\$57,784	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	320	320	0	1%	20	20	\$34,870	Work experience in a related occupation
33-2000	<i>Fire Fighting and Prevention Workers</i>	1,350	1,370	20	1%	70	90	NA	NA
33-2011	Fire Fighters	1,280	1,300	20	1%	70	90	\$41,836	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	70	60	0	-2%	0	0	\$27,431	Work experience in a related occupation
33-3000	<i>Law Enforcement Workers</i>	6,090	6,260	180	3%	270	450	NA	NA
33-3011	Bailiffs	80	80	0	0%	0	0	\$30,081	NA
33-3012	Correctional Officers and Jailers	2,590	2,690	100	4%	100	200	\$27,667	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	440	450	10	2%	20	30	\$48,671	Work experience in a related occupation
33-3031	Fish and Game Wardens	50	50	0	0%	0	0	#N/A	Long-term on-the-job training
33-3041	Parking Enforcement Workers	50	50	0	0%	0	0	\$25,260	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	2,870	2,930	60	2%	140	200	\$44,699	Long-term on-the-job training
33-3052	Transit and Railroad Police	20	20	0	5%	0	0	#N/A	NA
33-9000	<i>Other Protective Service Workers</i>	9,060	9,240	180	2%	640	820	NA	NA
33-9011	Animal Control Workers	60	60	0	0%	10	10	\$27,451	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	170	170	0	2%	10	10	\$32,717	Work experience in a related occupation
33-9032	Security Guards	7,270	7,420	160	2%	340	500	\$20,929	Short-term on-the-job training

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33-9091	Crossing Guards	360	360	0	1%	20	30	\$19,292	NA
33-9099	Protective Service Workers, All Other	1,200	1,220	20	1%	260	270	\$27,202	Short-term on-the-job training
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>73,050</b>	<b>74,660</b>	<b>1,620</b>	<b>2%</b>	<b>7,220</b>	<b>8,880</b>	<b>\$17,111</b>	<b>NA</b>
35-1000	Supervisors, Food Preparation and Serving Workers	6,920	7,020	100	1%	370	470	NA	NA
35-1011	Chefs and Head Cooks	530	550	20	3%	40	60	\$35,668	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	6,390	6,470	80	1%	330	410	\$26,813	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	18,440	18,750	300	2%	1,530	1,890	NA	NA
35-2011	Cooks, Fast Food	2,730	2,710	-30	-1%	220	220	\$14,860	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	2,480	2,460	-30	-1%	200	200	\$20,204	Long-term on-the-job training
35-2014	Cooks, Restaurant	4,920	5,080	160	3%	390	550	\$20,291	Long-term on-the-job training
35-2015	Cooks, Short Order	2,170	2,200	30	1%	170	200	\$18,300	Short-term on-the-job training
35-2021	Food Preparation Workers	6,130	6,300	160	3%	560	720	\$17,732	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	40,410	41,450	1,030	3%	4,690	5,720	NA	NA
35-3011	Bartenders	3,460	3,510	40	1%	270	310	\$16,001	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,220	17,630	410	2%	1,880	2,290	\$15,826	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,150	3,170	20	1%	660	680	\$14,127	Short-term on-the-job training
35-3031	Waiters and Waitresses	14,630	15,180	550	4%	1,710	2,260	\$14,181	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	1,960	1,960	10	0%	170	180	\$17,195	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	7,270	7,460	180	3%	630	810	NA	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,260	2,320	60	3%	200	260	\$14,643	Short-term on-the-job training
35-9021	Dishwashers	2,450	2,490	30	1%	230	270	\$16,153	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,310	2,400	80	4%	170	260	\$16,348	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	250	260	10	2%	20	30	\$17,790	Short-term on-the-job training
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>28,520</b>	<b>29,160</b>	<b>650</b>	<b>2%</b>	<b>1,120</b>	<b>1,770</b>	<b>\$21,297</b>	<b>NA</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	2,590	2,640	60	2%	90	140	NA	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,550	1,580	30	2%	70	100	\$29,747	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	1,040	1,070	30	3%	20	50	\$37,371	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	19,230	19,630	400	2%	740	1,140	NA	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	14,110	14,520	400	3%	530	930	\$19,564	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	4,970	4,960	0	0%	200	200	\$17,050	Short-term on-the-job training
37-2021	Pest Control Workers	150	150	0	2%	0	10	\$26,347	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	6,700	6,890	190	3%	290	480	NA	NA
37-3011	Landscaping and Groundskeeping Workers	5,730	5,910	180	3%	250	430	\$22,538	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	710	720	10	1%	30	40	\$34,069	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	40	40	0	0%	0	0	NA	Short-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OE\$	230	230	0	0%	10	10	NA	NA
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>19,250</b>	<b>19,570</b>	<b>310</b>	<b>2%</b>	<b>1,010</b>	<b>1,510</b>	<b>\$21,353</b>	<b>NA</b>
39-1000	Supervisors, Personal Care and Service Workers	1,220	1,210	-10	-1%	60	60	NA	NA
39-1011	Gaming Supervisors	40	40	0	2%	0	0	#N/A	Postsecondary vocational training
39-1012	Slot Key Persons	30	30	0	0%	0	0	#N/A	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,150	1,140	-10	-1%	60	60	\$32,729	Work experience in a related occupation
39-2000	Animal Care and Service Workers	810	800	-10	-1%	40	40	NA	NA
39-2011	Animal Trainers	40	40	0	0%	0	0	NA	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	770	760	-10	-1%	40	40	\$20,734	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	2,670	2,770	100	4%	270	370	NA	NA
39-3011	Gaming Dealers	70	70	0	-1%	10	10	#N/A	Postsecondary vocational training
39-3012	Gaming and Sports Book Writers and Runners	20	20	0	0%	0	0	#N/A	NA
39-3021	Motion Picture Projectionists	50	50	0	4%	0	10	\$16,926	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	740	770	30	4%	130	160	\$15,024	Short-term on-the-job training



Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
39-3091	Amusement and Recreation Attendants	1,100	1,120	20	1%	80	100	\$14,295	Short-term on-the-job training
39-3092	Costume Attendants	30	30	0	0%	0	0	\$34,761	NA
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	110	120	10	7%	10	20	\$17,578	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	560	600	40	7%	50	90	NA	NA
39-4000	Funeral Service Workers	190	190	0	2%	10	10	NA	NA
39-4011	Embalmers	20	20	0	0%	0	0	NA	NA
39-4021	Funeral Attendants	170	170	0	2%	10	10	NA	Short-term on-the-job training
39-5000	Personal Appearance Workers	2,720	2,740	20	1%	100	120	NA	NA
39-5011	Barbers	130	130	0	-1%	10	10	\$22,978	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,340	2,360	20	1%	80	100	\$22,875	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	100	110	0	3%	0	10	\$18,314	Postsecondary vocational training
39-5093	Shampooers	60	60	0	0%	0	0	NA	Short-term on-the-job training
39-5094	Skin Care Specialists	90	90	0	2%	0	10	\$26,414	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	1,370	1,270	-90	-7%	70	90	NA	NA
39-6011	Baggage Porters and Bellhops	650	640	-10	-2%	40	40	\$31,014	Short-term on-the-job training
39-6012	Concierges	60	60	0	0%	0	0	\$19,412	Work experience in a related occupation
39-6021	Tour Guides and Escorts	350	370	20	6%	20	40	NA	Moderate-term on-the-job training
39-6022	Travel Guides	20	20	0	-6%	0	0	NA	Long-term on-the-job training
39-6031	Flight Attendants	250	150	-100	-40%	10	10	NA	NA
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	40	40	0	-2%	0	0	NA	Short-term on-the-job training
39-9000	Other Personal Care and Service Workers	10,270	10,570	300	3%	460	820	NA	NA
39-9011	Child Care Workers	3,450	3,390	-50	-2%	200	200	\$18,639	Short-term on-the-job training
39-9021	Personal and Home Care Aides	3,040	3,280	240	8%	90	330	\$19,992	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	1,250	1,300	60	4%	60	110	\$28,693	Postsecondary vocational training
39-9032	Recreation Workers	1,260	1,280	20	2%	60	80	\$22,833	Bachelor's degree
39-9041	Residential Advisors	270	280	10	3%	10	20	\$22,549	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	1,010	1,040	30	3%	50	80	NA	Moderate-term on-the-job training
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>96,860</b>	<b>97,520</b>	<b>660</b>	<b>1%</b>	<b>6,820</b>	<b>7,610</b>	<b>\$33,431</b>	<b>NA</b>
41-1000	Supervisors, Sales Workers	14,390	14,420	30	0%	480	500	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	10,530	10,560	30	0%	350	370	\$38,639	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	3,860	3,860	0	0%	130	130	\$65,026	Work experience in a related occupation
41-2000	Retail Sales Workers	48,820	49,110	290	1%	4,900	5,210	NA	NA
41-2011	Cashiers	19,650	19,810	170	1%	2,540	2,710	\$16,651	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	40	40	0	0%	10	10	#N/A	Short-term on-the-job training
41-2021	Counter and Rental Clerks	2,900	2,950	50	2%	270	320	\$20,011	Short-term on-the-job training
41-2022	Parts Salespersons	1,610	1,590	-20	-1%	100	100	\$28,384	Moderate-term on-the-job training
41-2031	Retail Salespersons	24,620	24,720	90	0%	1,980	2,080	\$23,729	Short-term on-the-job training
41-3000	Sales Representatives, Services	6,670	6,670	10	0%	240	340	NA	NA
41-3011	Advertising Sales Agents	1,120	1,140	30	2%	40	70	\$50,030	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	2,550	2,590	40	1%	120	150	\$54,745	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,910	1,950	40	2%	40	70	\$69,567	Bachelor's degree
41-3041	Travel Agents	1,090	1,000	-90	-8%	50	50	NA	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	14,410	14,610	200	1%	750	940	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	3,760	3,830	80	2%	190	270	\$70,910	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	10,650	10,780	120	1%	550	670	\$52,897	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	12,580	12,710	130	1%	460	610	NA	NA
41-9011	Demonstrators and Product Promoters	490	500	10	1%	20	30	\$25,676	Moderate-term on-the-job training
41-9021	Real Estate Brokers	270	270	0	0%	10	10	\$91,292	Work experience in a related occupation
41-9022	Real Estate Sales Agents	4,390	4,430	50	1%	160	210	\$36,606	Postsecondary vocational training
41-9031	Sales Engineers	490	500	0	0%	30	30	\$77,837	Bachelor's degree
41-9041	Telemarketers	3,240	3,270	30	1%	100	130	\$23,116	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	400	390	-20	-4%	20	20	NA	Short-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
41-9099	Sales and Related Workers, All Other	3,280	3,350	70	2%	120	190	\$41,937	Moderate-term on-the-job training
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>157,960</b>	<b>158,020</b>	<b>70</b>	<b>0%</b>	<b>7,280</b>	<b>8,740</b>	<b>\$28,707</b>	<b>NA</b>
43-1000	Supervisors, Office and Administrative Support Workers	9,620	9,580	-40	0%	370	370	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	9,620	9,580	-40	0%	370	370	\$44,676	Work experience in a related occupation
43-2000	Communications Equipment Operators	2,320	2,300	-20	-1%	120	120	NA	NA
43-2011	Switchboard Operators, Including Answering Service	2,110	2,110	0	0%	110	110	\$21,480	Short-term on-the-job training
43-2021	Telephone Operators	140	110	-20	-17%	10	10	NA	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	80	70	0	-4%	0	0	NA	Short-term on-the-job training
43-3000	Financial Clerks	22,340	22,380	40	0%	1,030	1,190	NA	NA
43-3011	Bill and Account Collectors	3,270	3,410	140	4%	120	260	\$30,113	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	3,910	3,920	20	0%	120	140	\$28,425	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,570	10,460	-100	-1%	370	370	\$29,327	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	80	90	0	5%	10	20	NA	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	1,270	1,260	0	0%	60	60	\$31,728	Short-term on-the-job training
43-3061	Procurement Clerks	390	380	-10	-2%	20	20	\$30,733	Short-term on-the-job training
43-3071	Tellers	2,860	2,850	-10	0%	320	320	\$19,954	Short-term on-the-job training
43-4000	Information and Record Clerks	36,380	36,880	500	1%	1,520	2,370	NA	NA
43-4011	Brokerage Clerks	230	220	-10	-3%	10	10	\$35,868	Moderate-term on-the-job training
43-4021	Correspondence Clerks	350	340	-20	-5%	20	20	NA	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	530	530	0	0%	20	20	\$25,827	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	800	780	-20	-3%	30	30	NA	Short-term on-the-job training
43-4051	Customer Service Representatives	12,770	13,140	370	3%	370	740	\$30,202	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	560	540	-20	-3%	30	30	\$32,106	Moderate-term on-the-job training
43-4071	File Clerks	1,710	1,670	-40	-2%	100	100	\$21,827	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	800	800	-10	-1%	80	80	\$17,404	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	1,320	1,380	60	4%	70	130	\$23,386	Short-term on-the-job training
43-4121	Library Assistants, Clerical	490	500	10	2%	50	60	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	1,590	1,540	-60	-3%	40	40	\$33,755	Short-term on-the-job training
43-4141	New Accounts Clerks	340	340	0	-1%	20	20	\$23,519	Work experience in a related occupation
43-4151	Order Clerks	1,730	1,670	-60	-3%	80	80	\$27,662	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,080	1,110	30	3%	40	70	\$32,542	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	7,890	8,270	380	5%	410	790	\$22,403	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	1,830	1,710	-120	-7%	100	100	\$26,239	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	2,370	2,370	0	0%	70	70	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	27,030	26,850	-190	-1%	1,860	1,970	NA	NA
43-5011	Cargo and Freight Agents	870	840	-30	-4%	40	40	\$33,199	Moderate-term on-the-job training
43-5021	Couriers and Messengers	500	500	-10	-1%	20	20	\$21,924	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	430	420	0	0%	20	20	\$27,459	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,090	1,110	20	2%	50	70	\$30,846	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	280	280	-10	-2%	20	20	\$31,545	NA
43-5051	Postal Service Clerks	430	430	0	0%	20	20	\$40,910	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	2,000	2,010	10	0%	120	130	\$43,344	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,690	1,660	-30	-2%	80	80	\$37,571	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	2,430	2,460	30	1%	110	140	\$41,532	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	5,160	5,170	0	0%	210	210	\$25,572	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	11,540	11,320	-220	-2%	1,150	1,150	\$21,729	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	590	640	40	7%	30	70	\$23,502	Short-term on-the-job training
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other	30	30	0	0%	0	0	NA	NA
43-6000	Secretaries and Administrative Assistants	28,030	28,110	90	0%	980	1,210	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	7,730	7,780	50	1%	270	320	\$35,800	Moderate-term on-the-job training
43-6012	Legal Secretaries	2,090	2,150	70	3%	70	140	\$31,159	Postsecondary vocational training
43-6013	Medical Secretaries	5,070	5,190	120	2%	180	290	\$24,953	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	13,140	12,990	-150	-1%	460	460	\$27,360	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	32,230	31,930	-310	-1%	1,400	1,510	NA	NA

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
43-9011	Computer Operators	1,260	1,210	-50	-4%	50	50	\$29,700	Moderate-term on-the-job training
43-9021	Data Entry Keyers	2,280	2,230	-50	-2%	110	110	\$25,096	Moderate-term on-the-job training
43-9022	Word Processors and Typists	1,900	1,790	-110	-6%	80	80	NA	Moderate-term on-the-job training
43-9031	Desktop Publishers	240	240	0	1%	10	10	\$30,268	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	3,660	3,560	-100	-3%	110	110	\$29,089	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,750	1,720	-40	-2%	110	110	\$23,811	Short-term on-the-job training
43-9061	Office Clerks, General	15,550	15,660	110	1%	690	800	\$23,490	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	1,340	1,340	0	0%	70	70	\$25,859	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	170	170	0	-1%	10	10	\$26,056	Short-term on-the-job training
43-9111	Statistical Assistants	480	470	-20	-4%	10	10	\$35,926	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	3,610	3,560	-50	-1%	150	150	NA NA	
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>1,960</b>	<b>1,950</b>	<b>0</b>	<b>0%</b>	<b>110</b>	<b>120</b>	<b>\$24,135</b>	<b>NA</b>
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	140	140	0	1%	10	10	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Work	130	140	0	2%	10	10	NA	Work experience in a related occupation
45-1012	Farm Labor Contractors				0%			#N/A	NA
45-2000	Agricultural Workers	1,540	1,530	-10	0%	90	100	NA NA	
45-2011	Agricultural Inspectors	60	60	0	0%	0	0	#N/A	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	80	80	0	1%	0	10	\$22,019	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	80	80	0	1%	10	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,200	1,190	-10	-1%	70	70	\$19,182	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	110	120	0	3%	10	10	NA	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	170	170	0	2%	10	10	NA NA	
45-4011	Forest and Conservation Workers	50	50	0	2%	0	0	#N/A	Moderate-term on-the-job training
45-4021	Fallers	50	50	0	0%	0	0	NA	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	30	30	0	0%	0	0	NA	Moderate-term on-the-job training
45-4023	Log Graders and Scalers	40	40	0	5%	0	0	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	120	110	0	-3%	10	10	NA NA	
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	120	110	0	-3%	10	10	NA NA	
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>48,480</b>	<b>49,150</b>	<b>670</b>	<b>1%</b>	<b>1,770</b>	<b>2,470</b>	<b>\$41,279</b>	<b>NA</b>
47-1000	Supervisors, Construction and Extraction Workers	5,910	6,060	140	2%	170	320	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	5,910	6,060	140	2%	170	320	\$51,932	Work experience in a related occupation
47-2000	Construction Trades Workers	37,590	38,070	480	1%	1,290	1,790	NA NA	
47-2011	Boilermakers	20	20	0	0%	0	0	NA	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	1,350	1,380	30	2%	40	60	\$51,466	Long-term on-the-job training
47-2022	Stonemasons	130	130	0	2%	0	10	NA	Long-term on-the-job training
47-2031	Carpenters	8,340	8,440	90	1%	250	340	\$38,489	Long-term on-the-job training
47-2041	Carpet Installers	270	270	0	0%	10	10	NA	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	250	0	-1%	10	10	\$28,947	Moderate-term on-the-job training
47-2043	Floor Sanders and Finishers	120	120	0	-2%	0	0	NA	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	200	200	0	2%	10	10	NA	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	1,370	1,430	60	5%	50	110	\$36,765	Long-term on-the-job training
47-2053	Terrazzo Workers and Finishers	40	40	0	0%	0	0	NA	Long-term on-the-job training
47-2061	Construction Laborers	5,210	5,310	100	2%	130	230	\$33,003	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	220	220	0	2%	10	10	\$40,253	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	1,880	1,920	40	2%	90	130	\$43,969	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	760	760	10	1%	30	40	\$42,191	Moderate-term on-the-job training
47-2082	Tapers	110	110	0	2%	10	10	\$40,648	Moderate-term on-the-job training
47-2111	Electricians	4,640	4,690	50	1%	170	220	\$50,697	Long-term on-the-job training
47-2121	Glaziers	580	600	20	3%	20	40	NA	Long-term on-the-job training
47-2130	Insulation Workers	80	80	0	1%	10	10	NA NA	
47-2141	Painters, Construction and Maintenance	3,570	3,560	-10	0%	100	100	\$33,391	Moderate-term on-the-job training
47-2142	Paperhangers	160	160	0	-1%	0	0	\$39,262	Moderate-term on-the-job training
47-2151	Pipelayers	310	310	0	-1%	10	10	\$34,939	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	4,200	4,230	30	1%	180	220	\$50,201	Long-term on-the-job training

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47-2161	Plasterers and Stucco Masons	160	160	0	-1%	10	10	\$43,369	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	120	120	0	1%	0	10	NA	Long-term on-the-job training
47-2181	Roofers	1,000	1,020	20	2%	40	70	\$31,751	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	2,130	2,150	20	1%	100	120	\$41,744	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	360	370	10	2%	10	20	\$47,114	Long-term on-the-job training
47-3000	Helpers, Construction Trades	2,320	2,330	10	0%	190	210	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	400	390	-10	-2%	30	30	\$30,036	Short-term on-the-job training
47-3012	Helpers--Carpenters	600	620	10	2%	50	60	\$26,797	Short-term on-the-job training
47-3013	Helpers--Electricians	460	460	0	0%	40	40	\$26,926	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	80	80	0	0%	10	10	NA	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	570	560	-10	-1%	50	50	NA	Short-term on-the-job training
47-3016	Helpers--Roofers	70	80	0	3%	10	10	NA	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	150	150	0	3%	10	20	\$19,052	Short-term on-the-job training
47-4000	Other Construction and Related Workers	2,160	2,190	30	1%	80	110	NA	NA
47-4011	Construction and Building Inspectors	490	500	10	3%	20	30	\$40,471	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	310	310	0	0%	20	20	NA	Long-term on-the-job training
47-4031	Fence Erectors	210	220	10	3%	10	10	NA	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	280	290	10	3%	10	20	\$31,625	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	740	740	0	0%	20	20	\$27,403	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	120	120	0	3%	10	10	\$34,628	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	240	250	10	2%	10	10	NA	NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	240	250	10	2%	10	10	NA	NA
47-5000	Extraction Workers	260	260	0	0%	20	20	NA	NA
47-5021	Earth Drillers, Except Oil and Gas	90	90	0	4%	0	10	\$34,333	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	100	100	0	-1%	10	10	#N/A	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	40	40	0	-8%	0	0	NA	NA
47-5081	Helpers--Extraction Workers	20	20	0	4%	0	0	NA	Short-term on-the-job training
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>41,240</b>	<b>41,410</b>	<b>170</b>	<b>0%</b>	<b>1,770</b>	<b>2,370</b>	<b>\$38,332</b>	<b>NA</b>
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	4,110	4,170	60	1%	190	240	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4,110	4,170	60	1%	190	240	\$52,571	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	6,380	6,320	-60	-1%	200	260	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,470	2,510	30	1%	50	90	\$32,033	Postsecondary vocational training
49-2021	Radio Mechanics	40	40	0	-2%	0	0	NA	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	1,910	1,810	-110	-6%	70	70	\$46,451	Postsecondary vocational training
49-2091	Avionics Technicians	120	130	10	6%	10	10	NA	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	160	160	0	-1%	10	10	NA	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipm	70	70	0	0%	0	0	\$39,802	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	600	610	10	2%	20	30	\$38,306	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	140	140	-10	-4%	10	10	\$55,507	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	70	0	1%	0	0	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	410	410	0	1%	20	20	NA	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	360	360	0	1%	10	10	\$31,202	Postsecondary vocational training
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers,	40	40	0	0%	0	0	NA	NA
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	12,790	12,850	50	0%	670	940	NA	NA
49-3011	Aircraft Mechanics and Service Technicians	900	710	-190	-21%	40	40	NA	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	1,330	1,350	20	1%	50	70	\$41,016	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	30	30	0	3%	0	0	\$31,129	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	5,320	5,430	110	2%	280	390	\$34,842	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,540	2,640	100	4%	130	220	\$41,471	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	90	90	0	1%	0	0	\$38,928	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,120	1,150	30	3%	40	70	\$36,301	Postsecondary vocational training
49-3043	Rail Car Repairers	30	30	0	-3%	0	0	NA	Long-term on-the-job training
49-3051	Motorboat Mechanics	120	120	0	3%	10	10	NA	Long-term on-the-job training
49-3052	Motorcycle Mechanics	60	70	0	5%	0	10	\$34,765	Long-term on-the-job training

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49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	60	0	-3%	0	0	NA	Moderate-term on-the-job training
49-3091	Bicycle Repairers	50	50	0	-4%	10	10	NA	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	80	80	0	4%	10	10	\$29,828	Long-term on-the-job training
49-3093	Tire Repairers and Changers	920	900	-30	-3%	90	90	\$21,268	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All O	140	150	10	5%	10	10	NA	NA
49-9000	Other Installation, Maintenance, and Repair Occupations	17,950	18,080	130	1%	720	940	NA	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	120	120	0	-3%	10	10	\$50,323	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,010	2,050	40	2%	50	80	\$41,335	Long-term on-the-job training
49-9031	Home Appliance Repairers	430	420	-10	-2%	20	20	\$36,816	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	970	980	10	1%	40	40	\$45,988	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	8,730	8,850	130	1%	310	430	\$32,761	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	470	480	0	1%	20	30	\$39,695	Long-term on-the-job training
49-9044	Millwrights	620	580	-50	-7%	30	30	\$54,823	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	130	110	-20	-15%	10	10	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	500	500	-10	-1%	30	30	\$50,896	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	480	480	0	0%	30	30	\$31,892	Long-term on-the-job training
49-9062	Medical Equipment Repairers	400	410	10	3%	20	30	NA	Moderate-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	80	80	0	-4%	0	0	\$42,936	Long-term on-the-job training
49-9064	Watch Repairers	30	30	0	0%	0	0	NA	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	80	80	0	4%	0	10	\$46,580	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	230	230	0	-1%	10	10	\$32,673	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	110	110	0	0%	10	10	\$21,200	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	950	960	20	2%	70	90	\$24,357	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,570	1,580	10	1%	70	80	\$28,497	Long-term on-the-job training
51-0000	Production Occupations	69,790	68,650	-1,130	-2%	3,290	3,590	\$32,493	NA
51-1000	Supervisors, Production Workers	5,150	5,130	-20	0%	200	200	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,150	5,130	-20	0%	200	200	\$49,989	Work experience in a related occupation
51-2000	Assemblers and Fabricators	14,830	14,540	-290	-2%	740	760	NA	NA
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	160	170	10	8%	10	20	NA	Long-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	160	140	-20	-11%	10	10	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	810	760	-50	-6%	40	40	\$22,996	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	270	270	0	0%	10	10	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	680	640	-40	-6%	40	40	\$41,136	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	1,450	1,450	0	0%	70	70	\$30,916	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	70	80	0	1%	0	10	NA	Moderate-term on-the-job training
51-2092	Team Assemblers	8,760	8,600	-160	-2%	450	450	\$30,569	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	2,470	2,430	-40	-2%	130	130	\$28,658	Moderate-term on-the-job training
51-3000	Food Processing Workers	2,820	2,830	10	0%	130	170	NA	NA
51-3011	Bakers	1,630	1,650	20	1%	80	100	\$22,380	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	500	480	-20	-4%	20	20	\$26,839	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	70	70	0	0%	0	0	\$23,242	Short-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and	60	60	0	2%	0	10	NA	Short-term on-the-job training
51-3092	Food Batchmakers	430	430	0	1%	20	30	\$25,096	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	90	100	0	3%	0	10	\$19,720	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	30	30	0	7%	0	0	NA	NA
51-4000	Metal Workers and Plastic Workers	18,150	17,570	-580	-3%	830	840	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	840	820	-20	-2%	20	20	\$32,318	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	150	150	0	1%	0	10	\$37,756	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal a	840	840	0	0%	60	60	\$28,566	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	310	310	0	-1%	10	10	\$27,390	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	280	270	0	-1%	10	10	\$23,735	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	2,160	2,140	-20	-1%	100	100	\$30,418	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal a	250	240	0	-1%	10	10	\$40,092	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators	730	690	-40	-5%	30	30	\$31,684	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal a	670	670	-10	-1%	20	20	\$40,135	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and F	470	470	0	0%	10	10	\$37,168	Moderate-term on-the-job training

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51-4041	Machinists	3,550	3,420	-120	-3%	160	160	\$37,230	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	130	110	-20	-16%	10	10	\$35,319	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	260	240	-20	-8%	10	10	NA	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	160	160	10	3%	10	20	NA	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	140	120	-20	-16%	10	10	\$50,164	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	560	400	-160	-29%	30	30	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tend	1,440	1,380	-50	-4%	70	70	\$28,902	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	360	360	0	0%	20	20	\$32,156	Moderate-term on-the-job training
51-4111	Tool and Die Makers	1,030	990	-40	-4%	40	40	\$54,093	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	2,180	2,180	0	0%	120	120	\$33,337	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tender:	250	250	0	-1%	10	10	\$31,197	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas	160	150	-10	-5%	10	10	\$31,868	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	40	40	0	-5%	0	0	\$30,092	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and	380	380	-10	-1%	20	20	\$32,246	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	280	250	-30	-12%	20	20	\$36,597	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	550	540	-10	-2%	30	30	\$44,095	Moderate-term on-the-job training
51-5000	Printing Workers	3,060	2,920	-140	-5%	140	140	NA NA	
51-5011	Bindery Workers	450	420	-40	-8%	20	20	\$27,558	Moderate-term on-the-job training
51-5012	Bookbinders	110	110	-10	-5%	10	10	NA	Moderate-term on-the-job training
51-5021	Job Printers	340	330	-10	-2%	20	20	\$32,457	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	620	580	-40	-7%	30	30	\$32,325	Long-term on-the-job training
51-5023	Printing Machine Operators	1,510	1,460	-50	-3%	70	70	\$30,369	Moderate-term on-the-job training
51-5099	Printing Workers, All Other (OES Only)	20	20	0	-5%	0	0	NA NA	
51-6000	Textile, Apparel, and Furnishings Workers	4,110	3,990	-120	-3%	170	180	NA NA	
51-6011	Laundry and Dry-Cleaning Workers	1,700	1,660	-40	-2%	100	100	\$18,479	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	440	420	-20	-5%	10	10	\$20,453	Short-term on-the-job training
51-6031	Sewing Machine Operators	740	720	-20	-2%	20	20	\$23,421	Moderate-term on-the-job training
51-6051	Sewers, Hand	150	160	0	3%	10	10	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	710	680	-30	-4%	20	20	\$21,279	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	70	70	0	-2%	0	0	NA	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthet	70	80	0	4%	0	10	NA	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	20	20	0	0%	0	0	NA	Long-term on-the-job training
51-6093	Upholsterers	190	190	-10	-4%	10	10	\$30,693	Long-term on-the-job training
51-7000	Woodworkers	1,320	1,290	-40	-3%	70	70	NA NA	
51-7011	Cabinetmakers and Bench Carpenters	840	820	-20	-2%	40	40	\$27,410	Long-term on-the-job training
51-7021	Furniture Finishers	130	120	-10	-6%	10	10	\$26,290	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-5%	10	10	\$26,478	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	200	190	0	-2%	10	10	\$25,864	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	30	30	0	-3%	0	0	\$28,847	Moderate-term on-the-job training
51-8000	Plant and System Operators	1,610	1,590	-30	-2%	90	100	NA NA	
51-8011	Nuclear Power Reactor Operators	40	40	0	-5%	0	0	NA NA	
51-8012	Power Distributors and Dispatchers	120	110	0	-3%	10	10	NA	Long-term on-the-job training
51-8013	Power Plant Operators	190	180	-10	-3%	10	10	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	200	190	0	-1%	10	10	\$35,226	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	450	460	10	1%	30	40	\$28,983	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	510	500	-20	-3%	30	30	\$36,792	Long-term on-the-job training
51-8092	Gas Plant Operators	20	20	0	0%	0	0	NA	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	20	20	0	-17%	0	0	#N/A NA	
51-8099	Plant and System Operators, All Other	70	70	0	1%	0	10	\$40,844	Long-term on-the-job training
51-9000	Other Production Occupations	18,750	18,810	60	0%	910	1,140	NA NA	
51-9011	Chemical Equipment Operators and Tenders	2,800	2,840	40	1%	170	210	NA	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	160	160	-10	-3%	10	10	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	100	90	0	-3%	10	10	\$33,627	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	170	170	0	-1%	10	10	\$31,707	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	390	390	-10	-2%	20	20	\$29,855	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	80	80	0	5%	0	10	\$21,282	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	480	460	-20	-3%	20	20	\$30,820	Moderate-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	150	150	0	1%	10	10	NA	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	130	130	-10	-5%	10	10	\$34,242	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,690	3,650	-40	-1%	160	160	\$34,684	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	120	120	0	1%	0	10	\$40,575	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	270	280	10	3%	10	20	\$33,513	Long-term on-the-job training
51-9082	Medical Appliance Technicians	110	110	0	4%	0	10	\$28,763	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	150	150	0	1%	10	10	\$22,377	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	2,590	2,710	120	5%	100	220	\$26,183	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	800	810	10	1%	40	50	\$27,042	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	390	390	10	1%	20	30	\$39,474	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	370	400	30	8%	20	50	NA	Short-term on-the-job training
51-9131	Photographic Process Workers	70	70	0	1%	0	0	\$24,694	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	180	190	10	3%	10	10	\$19,205	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	190	180	-10	-6%	10	10	\$30,804	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	50	50	0	0%	0	0	NA	Moderate-term on-the-job training
51-9194	Etchers and Engravers	40	40	0	-3%	0	0	NA	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	270	260	-10	-4%	10	10	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	520	490	-30	-6%	20	20	\$30,403	Moderate-term on-the-job training
51-9197	Tire Builders	60	50	-10	-13%	0	0	NA	NA
51-9198	Helpers--Production Workers	2,010	1,980	-30	-2%	120	120	\$21,150	Short-term on-the-job training
51-9199	Production Workers, All Other	2,400	2,400	0	0%	110	120	\$37,413	Moderate-term on-the-job training
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>77,470</b>	<b>78,540</b>	<b>1,070</b>	<b>1%</b>	<b>3,630</b>	<b>5,080</b>	<b>\$28,812</b>	<b>NA</b>
53-1000	Supervisors, Transportation and Material Moving Workers	3,730	3,790	60	2%	160	230	NA	NA
53-1011	Aircraft Cargo Handling Supervisors	60	70	0	5%	0	10	\$32,049	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	1,440	1,480	40	3%	60	100	\$41,283	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	2,220	2,240	20	1%	100	120	\$53,049	Work experience in a related occupation
53-2000	Air Transportation Workers	920	780	-140	-15%	40	50	NA	NA
53-2011	Airline Pilots, Copilots, and Flight Engineers	310	210	-110	-34%	20	20	NA	Bachelor's degree
53-2012	Commercial Pilots	150	140	-10	-8%	10	10	\$44,814	Postsecondary vocational training
53-2021	Air Traffic Controllers	310	320	10	3%	20	20	NA	Long-term on-the-job training
53-2022	Airfield Operations Specialists	150	120	-30	-20%	10	10	\$58,969	Short-term on-the-job training
53-3000	Motor Vehicle Operators	29,260	29,940	680	2%	830	1,550	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	140	140	0	2%	0	10	\$19,428	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	750	750	0	0%	30	30	\$25,821	Moderate-term on-the-job training
53-3022	Bus Drivers, School	3,640	3,710	70	2%	150	220	\$24,703	Short-term on-the-job training
53-3031	Driver/Sales Workers	3,200	3,160	-40	-1%	100	100	\$24,112	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	14,300	14,780	480	3%	430	900	\$38,339	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	5,520	5,640	120	2%	90	210	\$27,277	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	1,200	1,230	30	3%	20	50	\$16,969	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	500	520	20	4%	10	30	\$19,751	Short-term on-the-job training
53-4000	Rail Transportation Workers	70	70	0	0%	0	0	NA	NA
53-4031	Railroad Conductors and Yardmasters	20	20	0	0%	0	0	#N/A	Work experience in a related occupation
53-4041	Subway and Streetcar Operators	30	30	0	0%	0	0	#N/A	NA
53-5000	Water Transportation Workers	20	20	0	0%	0	0	NA	NA
53-6000	Other Transportation Workers	2,920	2,780	-140	-5%	240	260	NA	NA
53-6011	Bridge and Lock Tenders	20	20	0	-8%	0	0	#N/A	NA
53-6021	Parking Lot Attendants	920	880	-40	-4%	60	60	\$15,767	Short-term on-the-job training
53-6031	Service Station Attendants	1,320	1,330	20	1%	140	160	\$18,192	Short-term on-the-job training
53-6041	Traffic Technicians	30	30	0	0%	0	0	#N/A	Short-term on-the-job training
53-6051	Transportation Inspectors	120	120	0	-1%	10	10	\$62,908	Work experience in a related occupation
53-6099	Transportation Workers, All Other	520	400	-110	-22%	30	30	NA	Short-term on-the-job training
53-7000	Material Moving Workers	40,560	41,170	610	2%	2,350	2,990	NA	NA
53-7011	Conveyor Operators and Tenders	810	820	10	1%	50	60	NA	Short-term on-the-job training
53-7021	Crane and Tower Operators	230	220	0	-1%	10	10	\$37,832	Moderate-term on-the-job training

Code	Occupational Title	2005	2007	Two Year	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Change	Change		Openings	Annual Wage <sup>2</sup>	
53-7032	Excavating and Loading Machine and Dragline Operators	690	710	20	3%	40	60	\$31,592	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	50	40	0	-7%	0	0	NA	Short-term on-the-job training
53-7041	Hoist and Winch Operators	190	190	0	0%	10	10	NA	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	5,960	6,100	140	2%	210	350	\$29,025	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	2,200	2,200	0	0%	170	170	\$22,107	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	17,720	17,860	140	1%	1,330	1,470	\$23,368	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	1,680	1,660	-20	-1%	100	100	\$23,520	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	9,950	10,260	320	3%	380	690	\$21,041	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	540	550	10	2%	30	40	\$31,725	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	240	240	0	-2%	10	10	\$27,158	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	310	320	0	1%	20	20	\$26,591	Short-term on-the-job training

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.